

## Curriculum Vitae

**BARRY A. J. FISHER, M.S., MBA**

### ***EDUCATION***

1973	California State University, Northridge, CA	MBA
1969	Purdue University, West Lafayette, IN	MS Chemistry
1966	City College of New York, New York, NY	BS Chemistry

### ***PROFESSIONAL EXPERIENCE***

1986-Date	Crime Laboratory Director, Los Angeles County Sheriff's Department. Administers a staff of 210 sworn and civilian personnel with an annual operating budget of approximately \$16M. Scientific Services Bureau is a modern full service crime laboratory providing forensic science services for all agencies in Los Angeles County and consists of a photographic laboratory, polygraph section, identification section, crime scene investigation section, questioned documents section, firearms identification section and the full range of criminalistics, forensic biology/DNA, drug testing and toxicology functions. The lab is accredited by ASCLD/LAB.
1969-1986	Worked in most sections of the crime laboratory and supervised the Physical Evidence and Forensic Toxicology Sections. Duties included crime scene investigation, laboratory case work and court testimony.

### ***PROFESSIONAL AFFILIATIONS***

- Consortium of Forensic Science Organizations  
Treasurer 2002 -  
Vice-Chair 2001 - 2002  
Chairman 2000 - 2001
- International Association of Forensic Sciences  
President, 1996-99
- Distinguished Fellow, American Academy of Forensic Sciences  
President, 1998-99  
President-Elect, 1997-98  
Secretary, 1995-97  
Executive Committee, 1995-98  
Vice President, 1994-95  
Board of Directors, 1991-96  
Program Committee Chairman, 1993-1994  
Program Committee, Workshop Chairman, 1992-1993  
Criminalistics Section Chairman, 1982-83  
Criminalistics Section Program Chairman and Section  
Secretary, 1981-82  
Local Arrangements Chairman, 1981
- Council of Scientific Society Presidents, 1997-2000  
Ethics in Science Committee, 1998-1999
- National Forensic Science Technology Center  
Board of Directors, 1997- to date  
Board of Directors, Secretary, 1995-1997
- American Society of Crime Laboratory Directors (ASCLD)  
President, 1988-89.  
President-elect, 1987-1988.

- Board of Directors, 1986-1989
- American Society of Crime Laboratory Directors – Laboratory Accreditation Board (ASCLD/LAB)  
Chairman 1991-1993  
Board, 1989-1993
- Forensic Science Foundation  
Secretary, 1988-1992  
Board of Directors, 1985-1992
- The International Association of Forensic Toxicologists
- International Association of Identification, Life Member
- International Association of Chiefs of Police, Life Member
- American Association for the Advancement of Science
- California Association of Criminalists
- California Association of Crime Laboratory Directors
- California State Division, International Association of Identification

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## **PUBLICATIONS**

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Fisher, Barry A. J., **Bioterrorism Bulletin – Policy and Operational Guidance from the Bureau of Justice Assistance**, Forensic Science Homeland Security: A Missing Component to a Complex Problem, published by Police Executive Research Forum (PERF), Feb. 2004.

Fisher, Barry A. J., **Techniques of Crime Scene Investigation, 7th ed.**, CRC Press, Inc., Boca Raton, FL, 2004.

Fisher, Barry A. J., **Scene Investigation Procedures**, in *Medicolegal Death Investigation: Treatises in Forensic Science*, 2<sup>nd</sup> ed., Yale H. Caplan, Ed., The Forensic Science Foundation Press, Colorado Springs, 1999, chap 3.

Fisher, Barry A. J., **Forensic Chemistry**, in *Kirk's Encyclopedia of Chemical Technology*, Vol. 11, 4th ed., John Wiley and Sons, NY, 1993.

Fisher, Barry A. J., **Elements of Forensic Science Laboratory Management**, in *Forensic Science Progress 5*, Springer-Verlag, Berlin, 1991.

Fisher, Barry A. J., "Maximizing Crime Laboratory Resources," *Crime Laboratory Digest*, 17(2), April 1990.

Fisher, Barry A. J., and Sagara, Harley M., **Atomic Spectroscopy**, in *Advances in Forensic Science, Volume 2: Instrumental Analysis*, Henry C. Lee and R. E. Gaensslen, Editors, Year Book Medical Publisher, Chicago, 1989.

Fisher, Barry A. J., Guest Editorial: "Developing a Forensic Laboratory Operating Strategy," *J. Forensic Sciences*, 31(4), 1177-1184, October, 1986.

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## **TEACHING APPOINTMENTS, LECTURES AND PRESENTATIONS**

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Guest Speak at the Center for American and International Law program on Establishing Innocence or Guilt (supported by a grant from the Texas Court of Criminal Appeals), Plano, TX. July, 2007.

Invited speaker at the National Academy of Sciences Forensic Science Committee; spoke on the topic of physical evidence from the crime scene to the court room in Washington, DC. April, 2007.

Guest speaker at the US Department of Justice, National Institute of Justice, Technology Conference in Anaheim, CA; spoke about the CSI Effect. April 2007

Attended the annual meeting of the American Academy of Forensic Sciences in San Antonio, TX, Feb. 2007.

Addressed the California Commission on the Fair Administration of Justice on forensic related issues to assist them in drafting a public policy statement on forensic science at the Santa Clara Law School, San Jose, CA, November, 2006, and at a public hearing in Sacramento, CA, Jan. 2007.

Participated in the Science and the Law Regional Community Meeting, sponsored by the California Supreme Court in Burbank, CA., October., 2006

Made three presentations at the Annual American Society of Crime Laboratory Directors (ASCLD) meeting in San Francisco, CA on the topics of; Process Mapping; Advocacy; and Disaster Victim Identification. October, 2006.

Guest speaker, Actual Innocence for Texas Judges, Prosecutors and Defence Lawyers: Why Do Wrongful Convictions Occur? How Can They Be Prevented? Spoken on a panel entitled Mechanisms to Reduce Wrongful Convictions – Forensic Laboratory Practices. The conference sponsored by The Center for American and International Law and funded by a grant from the Texas Court of Criminal Appeals. Plano, TX August, 2006.

Guest speaker, 3<sup>rd</sup> Annual Advanced DNA Technology Workshop sponsored by the Bode Technology Group: *The Challenge of High Throughput DNA Testing to Public Crime Labs from a Laboratory Director's Perspective: "Touch DNA's Time Has Arrived,"* April, 2006.

Guest speaker, The Faces of Wrongful Conviction Conference, UCLA, April, 2006. Panel discussion: *Twisting the Facts: the Problem with Junk Science in the Courtroom.*

Attended the annual meeting of the American Academy of Forensic Sciences in Seattle, WA, Feb. 2006.

Guest speaker at Southwestern Law School and UCLA Law School Jan and March, 2006. Presentation concerned issues of science and the law and Daubert.

Guest speaker at the Optical Society of America meeting. I spoke about forensic science laboratory preparedness for terrorist acts and mass casualty events. Washington, DC, Dec. 15, 2005.

Guest speaker at 2005 Technologies for Critical Incident Preparedness Conference and Exposition, Oct. 31, 2005 in San Diego, CA. I was part of a panel on Forensics for Critical Incident Response. My presentation was entitled The Role of the Crime Laboratory in Mass Casualty Incidents, Natural Disasters and WMD Incidents.

International Association of Forensic Sciences meeting, Hong Kong. Delivered paper: Emerging Issues Facing Forensic Science Laboratory Management in the United States: When Quality Assurance and the Law Collide, August, 2005.

Co-Guest Lecturer (with Frank Fitzpatrick), California Department of Justice, Bureau of Forensic Services, one-day management training program for BFS supervisors and managers. *Unreasonable Doubt: Miscarriages of Justice and Forensic Science.* Sacramento, CA, June 2005.

Guest speaker, California State University Los Angeles, School of Criminal Justice and Criminalistics undergraduate class. Presentation entitled: *Ethics in Forensic Science.* June, 2005.

Guest lecture, Innocence Project of Minnesota, Forensics 401. Presentation entitled: *The State of Forensic Science in the U. S.: What every lawyer should know.* St. Paul, MN, May, 2005.

Attended the American Academy of Forensic Sciences meeting, February, 2005, New Orleans, LA. Presented a paper entitled, *Forensic Science and Homeland Security: A Critical Piece of the Puzzle.*

Guest speaker, Indiana Coroner's Association annual meeting, June 2004.

Attended the American Academy of Forensic Sciences meeting, February, 2004, Dallas TX.

Guest speaker at the 3M Tech Forum, St. Paul, MN campus to the 3M technical community. Address entitled, *Sherlock Holmes, Quincy and Grissom vs. Reality: Current Issues and the Future of Forensic Science*, October, 2003.

Guest speak at the annual meeting of the National Association of Attorneys General. Addressed the conference on the subject of advocacy in forensic science and the need for support in federal legislation regarding forensic science. September, 2003, San Francisco, CA

Guest Speaker, University of California, Irvine, May 2003, The State of Forensic Science.

Attended the European Academy of Forensic Science and presented the opening session keynote address entitled *New Partnerships Against Crime*, September, 2003, Istanbul, Turkey.

Coordinated a conference a process improvement conference for crime labs hosted at the National Law Enforcement and Corrections Technology Center – Western Region, September, 2003

Spoke at a Santa Monica – UCLA Medical Center, Rape Treatment Center training program for nurses on proper collection and preservation of sexual assault evidence, June 2003.

Attended the American Academy of Forensic Sciences meeting, February, 2003, Chicago, IL.

Attended the American Academy of Forensic Sciences meeting, February, 2002, Atlanta, GA.

Attended the American Academy of Forensic Sciences meeting, February, 2001, Seattle, WA.

Lead a five person forensic science delegation at the invitation of the Ministry of Public Security, People's Republic of China (funded in part by the U.S. Department of Justice, National Institute of Justice). The delegation addressed a conference of Chinese forensic scientists on forensic laboratory management, quality assurance, forensic DNA testing, forensic medicine, etc. and visited Chinese forensic science institutes and met with Chinese counterparts, November, 2000.

Invited to attend the White House Office of Science and Technology Policy, *Crime Technology Initiative Forum*, Washington, DC, July, 2000.

Moderator of a U. S. Congressional Briefing, *Innovations in Crime-Fighting Technology*, sponsored by the American Chemical Society, Washington, DC, July, 2000.

Guest Speaker at the Criminal Justice Section's Presidential Showcase Program, *Lessons from the Innocence Project*, presented at the annual meeting of the American Bar Association, New York City, July, 2000.

Attended the American Academy of Forensic Sciences meeting, February, 2000, Reno, NV.

Guest speaker, *Forensic Science in the 21<sup>st</sup> Century*, West Coast Seminar (sponsored by the Los Angeles County Department of Coroner), November, 1999

Hosted and presided over the 15th meeting of the International Association of Forensic Sciences, Los Angeles, August, 1999.

Attended the American Academy of Forensic Sciences meeting, February, 1999, Orlando, FL.

Workshop Co-Chair, The Effects of Alcohol and Drugs on Human Performance and Behavior, Co-Sponsored by the American Academy of Forensic Sciences and the California Association of Toxicologists, August 20-22, 1998, UCLA, Los Angeles, CA.

Attended the American Academy of Forensic Sciences meeting, February, 1998, San Francisco, CA. Speaker in two workshops: Young Forensic Scientists Forum – *Building a Career in Forensic Science: Education, Employment and Expert Testimony*; and *Forensic Expert Witness Testimony*.

Testified before the California State Senate Committee on Public Safety on forensic DNA testing, the State's DNA data bank and Assembly Bill 1332, October 27, 1997.

Testified before the United States Senate Judiciary Committee Subcommittee on Administration Oversight and the Courts on the subject: "A Review of the Federal Bureau of Investigation Laboratory: Beyond the Inspector General Report," September 29, 1997.

Workshop Co-Chair, Contemporary Issues in Firearms Identification, Co-Sponsored by the American Academy of Forensic Sciences and the Association of Firearms and Toolmark Examiners, August 21-23, 1997, UCLA, Los Angeles, CA.

Instructor and course coordinator, Inside the Crime Lab: The Role of Forensic Science in the Criminal Justice System, UCLA Extension, six evenings, July 22-August 26, 1997.

Guest Speaker, Quality Assurance Issues, Second Annual National Conference on the Future of DNA: Implications for the Criminal Justice System, Sponsored by the National Institute of Justice, May, 1997.

Guest lecturer for a two and ½ day seminar on "*Crime Scene Investigation and Forensic Science*" for the Alabama State Division, IAI, Gulf Shores, AL, May, 1997.

Attended the American Academy of Forensic Sciences meeting, February, 1997, New York, NY. Delivered two papers: *Words of Advice: How to Land that First Crime Lab Job!* and *Reflections on the Aftermath of the O.J. Simpson Case on Forensic Sciences*. Panelist in a symposium: *Ethical Practices in the Practice of Forensic Science*.

Adjunct Instructor, California State University, Los Angeles, "*Advanced Criminalists*," a one quarter, graduate course, Fall Quarter, 1996.

Attended the 14<sup>th</sup> Meeting of the International Association of Forensic Sciences, Tokyo, Japan, August, 1996. Presented three papers: 1. *A Crime Laboratory Director's Advice to Students Considering a Career in Forensic Science*; 2. *Reflections on the Aftermath of the O.J. Simpson Case on Forensic Science*; and 3. *Forensic Science Laboratory Quality Control Programs - How is quality ensured in the forensic science laboratory?* Elected President of the International Association of Forensic Sciences to host the 15<sup>th</sup> IAFS meeting in Los Angeles in 1999.

Lecturer, UCLA Extension, Department of Humanities, Social Sciences and Sciences, "*Inside the Crime Lab - An Introduction to Forensic Science*," six week survey course, Summer, 1996.

Lecturer, UCLA Extension, Department of the Arts, Writer's Program, "*Workshop for Crime Writers*," held annually, 1979-date.

Guest Speaker, Israel National Police Laboratory, Jerusalem, Israel, "*Forensic Science After the O. J. Simpson Cases*," and "*An Overview of Forensic Science in the United States*," November, 1995.

Speaker at the International Homicide Investigation Seminar on *Crime Scene Investigation* sponsored by Hocking College, Columbus, Ohio, August, 1995 and Scottsdale, AZ, September, 1995.

Guest Speaker, "*DNA Fingerprinting*," UCLA Extension, Department of Humanities, Sciences and Social Studies, May 6, 1995.

Attended the American Academy of Forensic Sciences meeting in February, 1995, Seattle, WA and February, 1996, Nashville, TN.

Guest lecturer for a two day seminar on "*Crime Scene Investigation*" for the Mississippi State Division, IAI, Louisville, MS, October, 1994.

Presented a paper, "*Forensic Science Management Issues for the 1990's and Beyond*," at the American Academy of Forensic Sciences meeting, San Antonio, Texas, February, 1994.

Panel participant, "*Forensic Science Laboratory Management*," Seminar on Crime Laboratory Development, FBI Academy, Quantico, VA, September, 1993.

Attended the 13<sup>th</sup> Meeting of the International Association of Forensic Sciences, Dusseldorf, Germany, August, 1993.

Guest Speaker, "*Forensic Science Issues in the United States*," Universite de Bretagne Occidental, School of Medicine, Brest, France; and the Institut de Recherche Criminelle, Gendarmerie Nationale, Paris, France, September, 1993.

Panel participant in Multi Disciplinary Session: "*Are Crime Laboratories Doing Quality Work? - A Town Meeting*" and presentation, "*Crime Laboratory Accreditation - The ASCLD/LAB Accreditation Program*," American Academy of Forensic Sciences Meeting, Boston, MA, 1993.

Workshop Co-Chairman, "*How to Build a Forensic Science Lab and Survive - Design and Development of a Modern Forensic Science Laboratory*," American Academy of Forensic Sciences Meeting, New Orleans, LA, 1992.

Guest Speaker at a workshop, The Application of DNA Technology to Forensics, University of California, Riverside. Round table discussion speaker, "*Professional Standards, Regulation, Certification and Accreditation in the Forensic Context*," March 27-28, 1991.

Attended the 12<sup>th</sup> Meeting of the International Association of Forensic Sciences, Adelaide, South Australia, October, 1990. Gave a two day workshop on "*Quality Management*" and delivered two papers, "*Laboratory Automation*" and "*Early Disposition of Narcotics Cases*."

Speaker before the Southern California Personnel Management Association, Annual Conference. Part of panel addressing the topic: "*Balancing Work Performance and Worker Privacy -- Testing for Substance Abuse*." March, 1988.

Attended the American Academy of Forensic Sciences Meeting, Philadelphia, PA, 1988. Program Chairman, Forensic Science Management Symposium, and presented a paper, "*Laboratory Civilianization*."

Addressed the Institute of Industrial Relations Association, UCLA, on "*Employee Drug Testing*," 1988.

Attended the 11<sup>th</sup> Meeting of the International Association of Forensic Sciences, Vancouver, Canada, August, 1987. Delivered a paper, "*Reorganization and Civilianization of the Los Angeles County Sheriff's Crime Laboratory*."

Presented a paper "*Developing a Computerized Evidence Tracking System*," at the Annual Symposium on Crime Laboratory Development jointly sponsored by the FBI and the American Society of Crime Laboratory Directors, September, 1986.

Symposium Coordinator, "*Forensic Science Management Symposium*," and delivered a paper, "*Maximizing Forensic Science Laboratory Resources*," at the American Academy of Forensic Sciences Meeting, San Diego, California, 1987.

Presented a paper, "*Chemistry and Law Enforcement -- An Interesting Mixture*," at the American Chemical Society Meeting, Anaheim, California, 1986.

Guest Plenary Speaker at the Australian Forensic Science Society Meeting. Delivered a keynote address, "*Developing a Forensic Science Laboratory Operating Strategy*," and a paper, "*An Overview of DUI Issues in Los Angeles*," Melbourne, Australia, 1986.

Presented a paper, "*Laboratory Management: Preliminary Analysis of Narcotics Evidence*," at the American Academy of Forensic Sciences Meeting, Las Vegas, Nevada, 1985.

Attended the 10<sup>th</sup> Meeting of the International Association of Forensic Sciences, Oxford, England, August, 1984. Presented a paper, "*Quality Assurance - Managing a Case Recall*"

Delivered a presentation, "*Compilation of Selected Genetic Marker Phenotypic Frequencies*," at the American Academy of Forensic Sciences Meeting, Orlando, Florida, 1982.

Guest Lecturer at Pepperdine University, School of Law. Delivered a lecture, "*Scientific Proof*," 1982.

Guest Lecturer at California State University, Northridge, Department of Chemistry. Delivered a lecture, "*Forensic Chemistry*," 1982.

## APPOINTMENTS

- Law Enforcement and Corrections Technology Advisory Council member, 2006 -
- Member of the Virginia Department of Forensic Sciences, Scientific Advisory Committee, August, 2006 -
- Member of the Commonwealth of Virginia's Forensic Science Board, August 2006 -
- American Judicature Society, Commission on Forensic Science and Public Policy, 2005 -
- California Forensic Science Institute advisory committee member 2003 -
- Los Angeles Terrorism Early Warning Group (LA-TEW), chair forensic investigation and support committee.
- Member of the International Association of Chief's of Police Forensic Science Committee, 2004 -
- Member of the American Bar Association, Criminal Justice Section's Ad Hoc Committee to Ensure the Integrity of the Criminal Process. (ABA Publication - *Achieving Justice: Freeing the Innocent, Convicting the Guilty*. Report of the ABA Criminal Justice's Section's Committee to Ensure the Integrity of the Criminal Process, ABA, 2006.)
- Member of the Forensic Science Education Programs Accreditation Commission (FEPAC), an American Academy of Forensic Sciences committee to maintain and enhance the quality of forensic science education through a formal evaluation and recognition of undergraduate and graduate forensic science academic programs. 2003 - 2006
- Planning Panel and participant of the U.S. Department of Justice, National Institute of Justice *Technical Working Group on Forensic Science Education and Training* (TWGED). Co-Chaired the subcommittee on graduate degrees in forensic science. 2001- 2002.
- New York City Police Department, consultant, October, 1996 and September, 1997. Conducted pre-ASCLD/LAB accreditation inspections of the Forensic Investigations Division with a team of other laboratory managers to provide the NYPD with recommendations on what will be required for their laboratory to gain accreditation.
- U.S. Department of Justice, National Institute of Justice, peer review consultant, 1992, 1993, 1994, 1995. Peer reviewers review National Institute of Justice forensic science research grant proposals for possible Department of Justice funding.
- Consultant for the Government of Singapore, Ministry of Health, Institute of Science and Forensic Medicine (ISFM). Two week on site management assessment of the ISFM Laboratory, March, 1992.

American Society of Crime Laboratory Directors - Laboratory Accreditation Board laboratory inspections:

- Team Captain, Alaska Department of Public Safety Laboratory Inspection, Anchorage, AK, 1997;
- Team Member, Alcohol, Tobacco and Firearms Laboratory Inspection, National Laboratory, Rockville, MD, 1995;

- Team Captain, South Australia Forensic Science Laboratory Inspection, October, 1989;
- Team Captain, Arizona Department of Public Safety Laboratories Inspection, March, 1987;
- Inspection Team Captain, St. Louis P.D. Laboratory Inspection, August, 1986;
- Team Member, Oregon State Police Laboratories Inspection, January, 1985;
- Team Captain, Alcohol, Tobacco and Firearms Laboratory Inspection, Walnut Creek, CA, May, 1984;
- Team Member, Arizona Department of Public Safety Laboratories Inspection, July, 1982.

Member of the editorial boards, Journal of Forensic Sciences, Journal of Forensic Identification, Forensic Science, Medicine and Pathology, and the McGraw-Hill Encyclopedia of Science and Technology.

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### **PROFESSIONAL AWARDS**

Mary Cowan Distinguished Service Award and the Paul L. Kirk Award, Criminalistics Section, American Academy of Forensic Sciences.

Distinguished Fellow of the American Academy of Forensic Sciences.

American Society of Crime Laboratory's Briggs White Award, for excellence in forensic science laboratory management, 2004.

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